



SWS:dkr-3/14/05 P0870

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hannigan et al.

Application No. 10/684,213

Filed: October 10, 2003

For: PERCEPTUAL MODELING OF
MEDIA SIGNALS BASED ON
LOCAL CONTRAST AND
DIRECTIONAL EDGES

Examiner: A. Tabatabai

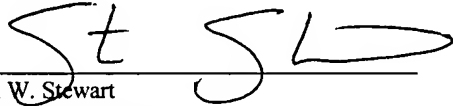
Date: January 14, 2005

Art Unit 2625

Conf. No.: 8680

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 14, 2005, as First Class Mail in an envelope addressed to: MAIL STOP RCE, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.


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INFORMATION DISCLOSURE STATEMENT

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Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449.

The attached Form PTO-1449 lists information previously cited in U.S. pat. nos. 6,631,198 (filed as appl. no. 09/596,658), and/or 6,633,654 (filed as appl. no. 09/737,609). Applicant relies on, *inter alia*, these applications to establish an earlier effective filing date of this application under 35 U.S.C. § 120. Consequently, and pursuant to 37 C.F.R. § 1.98(d), applicant has listed this information without supplying copies of the information itself. Copies can again be provided, however, if needed. Additional information is also cited. A copy of the newly-cited Kim publication entitled "Texture Classification..." is enclosed.

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

No fee is required since this document is being submitted with a Request for Continued Examination.

If a first Office action on the merits was mailed prior to the mailing of this Information Disclosure Statement, please charge to Deposit Account No. 50-1071 any fees that may be required for considering this Information Disclosure Statement under 37 C.F.R. § 1.17(p).

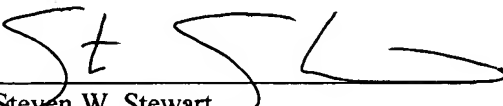
Date: January 14, 2005

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT	Docket: P0870	Ser. No. 10/684,213
	Applicant: Hannigan et al.	
	Filed: October 10, 2003	Group: 2625

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
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Examiner Signature:

Date Considered:

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.



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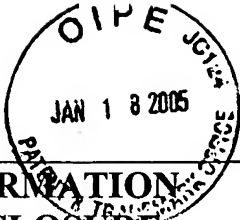
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	Cox, et al., "Using Perceptual Models", Chapter 7 of Digital Watermarking, 2002, pp. 201-240.
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	De Rosa, et al., "Watermark Capacity Measure Incorporating a Model of the Human Visual

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